

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 59673-20		APPLICATION NO. 09/990,947	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Shawni Daw			
				FILING DATE November 21, 2001		GROUP ART UNIT 3736	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AWC	AA	4,839,805	06/13/89	Pearsons, Jr. et al.	364	413.14	
AWC	AB	5,262,945	11/16/93	DeCarli et al.	364	413.13	
AWC	AC	5,311,131	05/10/94	Smith	324	309	
AWC	AD	5,638,465	06/10/97	Sano et al.	382	281	
AWC	AE	5,644,232	07/01/97	Smith	324	309	
AWC	AF	5,818,231	10/06/98	Smith	324	309	
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
AWC	AI	8 69533 A	03/12/96	JP (+ English abstract)			
	AJ						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AWC	AK			Dasarathy, "Is Your Nearest Neighbor Near Enough a Neighbor?" in <i>Proceedings of the First International Conference on Information Sciences and Systems</i> , Patras, Greece, 1976, pp. 114-117.			
AWC	AL			Bezdek, et al., "FCM: The Fuzzy c-Means Clustering Algorithm," <i>Computers &amp; Geosciences</i> , 10(2-3):191-203, 1984.			
AWC	AM			Vannier et al., "Multispectral Analysis of Magnetic Resonance Images," <i>Radiology</i> , 154(1):221-224, 1985.			
AWC	AN			Xie et al., "A Validity Measure for Fuzzy Clustering," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 13(8):841-847, 1991.			
AWC	AO			Clarke et al., "Comparison of Supervised Pattern Recognition Techniques and Unsupervised Methods for MRI Segmentation," <i>Medical Imaging VI: Image Processing</i> , 1652:668-677, 1992.			
AWC	AP			Taxt et al., "Multispectral Analysis of Uterine Corpus Tumors in Magnetic Resonance Imaging," <i>Magnetic Resonance in Medicine</i> , 23:55-76, 1992.			
AWC	AQ			Bezdek et al., "Review of MR Image Segmentation Techniques Using Pattern Recognition," <i>Medical Physics</i> , 20(4):1033-1048, 1993.			

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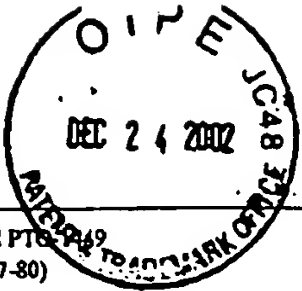


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AUC	AR	Text et al., "Multispectral Analysis of the Brain Using Magnetic Resonance Imaging," <i>IEEE Transactions on Medical Imaging</i> , 13(3):470-481, 1994.
AUC	AS	Clarke et al., "MRI Segmentation: Methods and Applications," <i>Magnetic Resonance Imaging</i> , 13(3):343-368, 1995.
AUC	AT	Dasarathy "Adaptive Decision Systems with Extended Learning for Deployment in Partially Exposed Environments," <i>Optical Engineering</i> , 34(5):1269-1280, 1995.
AUC	AU	Pham et al., "Partial Volume Estimation and the Fuzzy C-means Algorithm," 4 pages.
AUC	AV	Mussurakis et al., "Dynamic MRI of Invasive Breast Cancer: Assessment of Three Region-of-Interest Analysis Methods." <i>Journal of Computer Assisted Tomography</i> , 21(3):431-438, 1997.
AUC	AW	Samarasekera et al., "A New Computer-Assisted Method for the Quantification of Enhancing Lesions in Multiple Sclerosis," <i>Journal of Computer Assisted Tomography</i> , 21(1):145-151, 1997.
AUC	AX	"Spatial Filtering," <i>Digital Image Processing</i> 4.3, pp. 189-195.
AUC	AY	Clark et al., "Automatic Tumor Segmentation Using Knowledge-Based Techniques," <i>IEEE Transactions on Medical Imaging</i> , 17(2):187-201, 1998.
AUC	AZ	Clarke et al., "MRI Measurement of Brain Tumor Response: Comparison of Visual Metric and Automatic Segmentation," <i>Magnetic Resonance Imaging</i> , 16(3):271-279, 1998.
AUC	BA	Houben et al., "Distance Rejection in the Context of Electric Power System Security Assessment Based on Automatic Learning," in <i>Proceedings of Advances in Pattern Recognition: Joint LAPR International Workshops SSPR '98 and SPR '98</i> , Sydney, Australia, 1998, pp. 756-764.
AUC	BB	Parker et al., "MRIW: Parametric Analysis Software for Contrast-Enhanced Dynamic MR Imaging in Cancer," <i>RadioGraphics</i> , 18(2):497-506, 1998.
AUC	BC	Reiss et al., "Reliability and Validity of an Algorithm for Fuzzy Tissue Segmentation of MRI," <i>Journal of Computer Assisted Tomography</i> , 22(3):471-479, 1998.
AUC	BD	Weinstein et al., "Breast Fibroadenoma: Mapping of Pathophysiologic Features with Three-Time-Point, Contrast-Enhanced MR Imaging—Pilot Study," <i>Radiology</i> , 210(1):233-240, 1999.
AUC	BE	Kuhl et al., "Dynamic Breast MR Imaging: Are Signal Intensity Time Course Data Useful for Differential Diagnosis of Enhancing Lesions?," <i>Radiology</i> , 211(1):101-110, 1999.
AUC	BF	Orel, "Differentiating Benign from Malignant Enhancing Lesions Identified at MRI Imaging of the Breast: Are Time-Signal Intensity Curves an Accurate Predictor?," <i>Radiology</i> , 211(1):5-7, 1999.
AUC	BG	Liney et al., "Dynamic Contrast-Enhanced MRI in the Differentiation of Breast Tumors: User-Defined Versus Semi-Automated Region-of-Interest Analysis," <i>Journal of Magnetic Resonance Imaging</i> 10:945-949, 1999.

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Sheet 3 of 3

FORM PTO-249 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 59673-20	APPLICATION NO. 09/990,947
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Shawni Daw	
				FILING DATE November 21, 2001	
Auk	BH	Hylton, "Vascularity Assessment of Breast Lesions with Gadolinium-Enhanced MR Imaging," <i>MRI Clinics of North America</i> , 9(2):321-331, 2001.			
EXAMINER			DATE CONSIDERED 3/18/05		
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).					

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Date: December 19, 2002

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